

CUSHION STOP AND METHOD FOR ABSORBING  
BIDIRECTIONAL IMPACT OF SNOW PLOW BLADE TRIPPING

ABSTRACT OF THE DISCLOSURE

5       An improved snow plow for use with light and  
medium duty trucks is disclosed which has an impact-  
absorbing mechanism which absorbs the shocks of both  
the tripping of the snow plow blade upon striking an  
object and the spring-biased return of the snow plow  
10 blade to its original position. Impact-absorbing  
members made of a polymeric material are mounted in  
pockets contained in the pivot support structure of  
the snow plow blade support structure, and portions of  
the snow plow blade frame impact the impact-absorbing  
15 members prior to the snow plow blade reaching either a  
tripped position or a trip return position. The  
impact-absorbing members are highly resistant to  
damage even when absorbing large shocks caused by  
substantial impacts, and are easily replaceable when  
20 their lifetime has been expended.